



FAG

★ 23076-BEA-XL-K-MB1

Spherical roller bearing

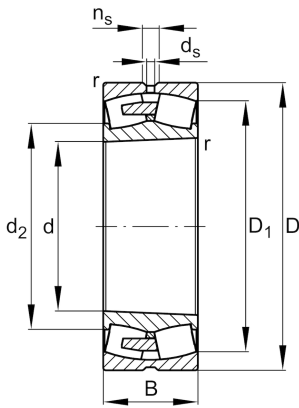
Schaeffler ID:
0807870960000

Spherical roller bearing 230..-BEA-XL-K-MB1, symmetric 2 outer ribs with rib washer

★ Preferred product

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.
	108,24 kg	Weight

Main Dimensions & Performance Data

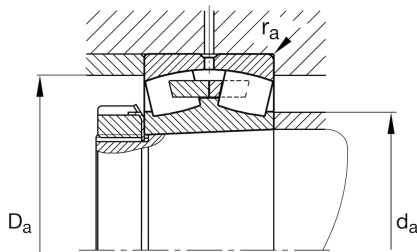
d	380 mm	Bore diameter
D	560 mm	Outside diameter
B	135 mm	Width
C_r	2.900.000 N	Basic dynamic load rating, radial
C_{0r}	5.000.000 N	Basic static load rating, radial
C_{ur}	420.000 N	Fatigue load limit, radial
n_G	1.230 1/min	Limiting speed
n_{gr}	740 1/min	Reference speed

Dimensions

r_{min}	5 mm	Minimum chamfer dimension
D_1	508,1 mm	Bore diameter outer ring
d_s	12,5 mm	Diameter lubrication hole
n_s	23,5 mm	Width of lubricating groove

Mounting dimensions

$d_{a min}$	398 mm	Minimum diameter shaft shoulder
$D_{a max}$	542 mm	Maximum diameter of housing shoulder
$r_{a max}$	4 mm	Maximum recess radius
$d_{a max}$	422 mm	Maximum diameter of shaft shoulder
$d_{b min}$	396 mm	Minimum cavity diameter of the sleeve
$B_{a min}$	15 mm	Minimum cavity width of the sleeve



Additional information

e	0,21	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H3076-HG	Adapter sleeve
Y ₁	3,17	Dynamic axial load factor
	AH3076G-H	Withdrawal sleeve
Y ₂	4,72	Dynamic axial load factor
Y ₀	3,1	Static axial load factor